Instructor:	Dr. Betul Orcan-Ekmekci	**Time:**	MWF 10-10:50 AM
Office:	440 Herman Brown	**Classroom:**	SEW 309
Email:	orcan@rice.edu	**Office Hours:**	Thursday 10am-Noon

Recitations: TBA

Text: Farlow, Hall, McDill, West (2007). Differential Equations & Linear Algebra. Pearson.

Homework: There are **two** components to the homework: WebWork and problems to be handed in.

1. WebWork Homework will be due **Monday and Wednesday Evenings at 9:00PM** (starting on Wednesday, January 17th). It will be assigned through the WebWork website. Each student needs to sign up for a WebWork account and get familiar with WebWork as soon as possible. Most homework problems are to be completed online, and are quite similar to textbook exercises.

   Instructions for the account setup will be announced soon!

   It is **strongly recommended** that you keep a notebook where you write down complete solutions to the assigned exercises; you can use this notebook to study for exams. Imagine that a fellow student will be reading your homework notebook to study for an exam. If your work is not detailed enough to be useful, it is unlikely to earn much credit if it were being graded. Another student reading your solutions should be able to guess at the question your are trying to answer without referring to the textbook.

2. Every week I will assign 6-8 problems from the textbook that you have to hand in on **Fridays at the beginning of lecture**. The first such set of problems will be due on **Friday, January 19th**. These problems will be of a nature that cannot be covered by online systems. They will be graded and returned to you a week after you hand them in.

The homework is not pledged and you can collaborate with other students in the class. Make sure you understand the solution to a problem before typing in your answer on WebWork.

Late homework assignments will not be accepted for ANY reason – instead, your three lowest webwork scores and your lowest "paper-assignment" will be dropped.

The no late homework policy is iron clad. There will be roughly 35 assignments. These numbers mean that the only fair policy on late homework is as above.

Exams: There will be two midterm tests during the semester. They will take place on **Tuesday February 13th, 7-9pm** and on **Tuesday, March 20th, 7-9pm**.

Final exam: The date for the final exam is not available at this time. It is the policy of the Mathematics Department that no final may be given early to accommodate student travel plans. If you make travel plans that later turn out to conflict with the scheduled exam, then it is your responsibility to either reschedule your travel plans or take a zero in the final.

Books, notes, and calculators will **not** be allowed on exams. Make-up exams will be allowed only in the case of a documented medical emergency. If an exam conflicts with a holiday you observe, please let me know before the end of the first week of classes.

Grades: Your homework will count as 20% of your final grade (10% WebWork, 10% paper assignments). The remaining portion of your grade will be the **maximum** of the following four options:

- 25% Midterm I, 25% Midterm II, 30% Final.
- 20% Midterm I, 25% Midterm II, 35% Final.
- 25% Midterm I, 20% Midterm II, 35% Final.
- 20% Midterm I, 20% Midterm II, 40% Final.

Expectations: I expect you to attend every class and to arrive on time. It is your responsibility to keep informed of any announcements, syllabus adjustments, or policy changes made during scheduled classes. Not all announcements will be posted on the website.

Disability Support: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All such discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Allen Center.

Tentative Schedule:

Week 1:
Section 1.1
Section 1.2
Section 1.3

Week 2:
Section 1.5
Section 2.1
Section 2.2

Week 3:
Section 2.3
Section 2.4

Week 4:
Section 2.5
Section 3.1

Week 5:
Section 3.2

Section 3.3
Section 3.4

Week 6:
Section 3.4
Section 3.5

Week 7:
Section 3.5
Section 3.6

Week 8:
Section 4.2
Section 4.3
Section 4.4

Week 9:
Section 4.5
Section 4.6

Week 10:
Spring Break—-March 10th-18th

Week 11:
Section 6.1
Section 6.2

Week 12:
Section 6.3

Week 13:
Section 6.4
Section 6.7

Week 14:
Section 2.6
Section 7.2
Section 8.1

Week 15:
Section 8.1
Section 8.2